



**WEB SERVICES WORKGROUP
MINUTES
Thursday, May 30, 2002
Virginia Retirement System Training Room
10:00 am – 4:30 pm**

ATTENDANCE

See "[Attachment 1 - Members and Guests](#)"

WELCOME AND OPENING REMARKS

Mr. Tim Bass, Workgroup Chair, convened the meeting of the Web Services Workgroup at 10:05 am. Attendees were asked to briefly introduce themselves.

MEETING OBJECTIVES

The objectives of the meeting were:

- 1) Introduce Final Workgroup Report Template
- 2) Review UDDI design and requirements
- 3) Present Team Status updates.
- 4) Reconcile design issues moving forward.
- 5) Review project schedule.

APPROVAL OF MINUTES

The minutes of 5/1 had been previously distributed and approved by all workgroup members via e-mail.

AGENDA TOPICS:

1. INTRODUCE FINAL WORKGROUP REPORT TEMPLATE

DISCUSSION: Romero (DMAS) presented a proposed layout of the final workgroup report. A sample Table of Contents was provided, as was a template for Team Reports that would be included in the Appendix of the final workgroup report. Romero emphasized that the final report would build upon the team reports. Romero requested that workgroup members provide comments concerning the proposed layout back to her before the next scheduled meeting.

ACTION: Workgroup members to provide comments back to Romero concerning proposed report layout.

2. REVIEW UDDI DESIGN AND REQUIREMENTS

DISCUSSION: Fowler (VIPNet) presented UDDI concepts, history, types, and publishing methods to the workgroup. It was proposed that the UDDI established for the pilot would be a private registry based on UDDI Version 2.0 running on Software AG's Tamino. Fowler presented a sample of the UDDI Web

Interface that was based on Microsoft prototypes. It was agreed that publishing to UDDI would be exercised by both Web Interface and API's for the pilot.

ACTION: VIPNet to establish UDDI no later than June 7.

3. PRESENT TEAM STATUS UPDATES

DISCUSSION: Each of the six teams listed below presented a status report of their progress in developing "address change" components as assigned:

- Team 1 – DMV, Microsoft
- Team 2 – ABC, BEA
- Team 3 – DHRM, VRS, Silverstream
- Team 4 – Roanoke, Virginia Beach, Sun Microsystems
- Team 5 – DMAS, DOE, Software AG
- Team 6 – GMU, WebMethods

Each report highlighted the following items: team members and roles; business and functional requirements; HW/SW requirements; technical assumptions; and concerns and issues.

It was agreed that Team 1 would ensure that address change was fully exercised and integrated into their proposed registration scenarios.

Lubic (DTP) requested that all teams keep track of the number of requirements developed versus the number of requirements that utilized vendor published web services (e.g., available via Microsoft's MyWeb Services). It was agreed that vendor published authentication web services would not be used for this pilot as they were inherently proprietary in nature.

The team presentations revealed that three different types of web services address components would be developed:

- Push address updates to other subscribing agencies.
- Pull address information to satisfy queries.
- Pull address information as a result of a notification (in batch or real-time).

Other web services required to support these processes included authentication, status of results, (confirmation/exception), and notification. It was noted that latency and bandwidth risk issues would not be fully exercised by this pilot, but should be noted in the final report.

ACTION: Bass requested that each team send him an electronic copy of their presentation, which he will e-mail out to the workgroup.

4. RECONCILE DESIGN ISSUES MOVING FORWARD

DISCUSSION: As a result of the team presentations (Item 3 above), each team was asked to outline those design issues that needed to be reconciled between all the teams, in order to move forward with development. The following issues were stated:

Issue 1 – Identification: Need to define/establish Universal Identification Number (i.e., customer number).

Resolution - It was agreed that said UID would be a 9 numeric character field, and that UID would be generated for test data using a sequential number generator.

Issue 2 – Administrators: Need to identify who has administrator functionality.

Resolution - It was agreed that each team would have one person with administrator functionality who would be assigned a password/PIN.

Issue 3 – Security: Need to provide a common security mechanism for team-to-team Web Services processing.

Resolution - It was agreed that although Web Service security specs are still under development, that a common security deployment should be exercised and reported by the workgroup in order to substantiate it's viability for use. It was agreed that authenticating the customer was not a design issue for the pilot, as this is already in practice by agencies. Bass and Kendrick (DMV) to make proposal.

Issue 4 – Loop Protection: Need rules to guide when an address change should trigger a “propagation” of that change to other teams.

Resolution: It was agreed that the propagation should only occur if your team was the originator of the change.

Issue 5 – WSDL Schemas: Need to establish a common set of WSDL schemas so that address parameters, log structures, return codes, etc. can be deployed in a consistent manner in web services, related interfaces, and UDDI setup.

Resolution: Software AG, BEA, and VIPnet to work jointly to make proposal.

Issue 6 – Test data/cases: Need to establish test data and test use cases to be exercised with expected results.

Resolution: Bass to make proposal.

Issue 7 – Locality Check: Need to establish some means to ascertain if all address changes should be sent to localities, or only their jurisdictional address changes.

Resolution: It was agreed for this pilot that all relevant types of address changes would be sent to Roanoke and Virginia Beach, regardless of address location. In addition, Software AG volunteered to research and report on the purpose of the “locality” data component in the UDDI.

Issue 8 – Entity Type Check: Need to establish some means to distinguish between an individual and a business entity.

Resolution: It was determined that in the real world, there may be a business requirement to distinguish between these two entity types, but that exercising this business requirement did not add value to the interoperability proof-of-concept of Web Services.

Issue 9 – Batch –vs-Real Time Processing: Need to state when “pull” is initiated after a “notification”.

Resolution: It was determined that following a “notification”, whether an address change “pull” was initiated by from an application in “real-time” or at a later “batch” window did not add value to the interoperability proof-of-concept of Web Services. Rather, this is a business decision, which would address performance related issues and risks (e.g., latency and band-width).

ACTION: Issues 3, 5, 6, and 7 require additional action by the parties (as designated above). Bass requested that proposals by these assigned parties be sent out for comment no later than June 5. Comments on proposals from workgroup members should be made no later than June 7.

5. REVIEW PROJECT SCHEDULE

DISCUSSION: The workgroup meeting dates were reviewed and it was agreed that no changes to the milestones or meeting dates were necessary at this time. It was agreed that teams should be prepared to make updates at the next meeting.

ACTION: Romero to send out Status Reports Template by June 7.

PRESENTATIONS

No additional presentations were made. (See Items 2 and 3 for UDDI and Team presentations.)

NEW BUSINESS/PUBLIC DISCUSSION

Hunter (SoTech/COTS) indicated that the Secretary of Technology is very supportive of establishing workgroups to assess the applicability of emerging technologies within the Commonwealth, utilizing the expertise from agencies, institution of higher education, localities, and technology providers. The Web Services Workgroup is being viewed as a model of this type of activity.

ADJOURN

The meeting was adjourned at 4:30 pm.

NEXT MEETING

Location: VRS

Date and Time: June 20, 2002; 10:00 am – 1:30 pm.

Attachment 1 – Members and Guests

Workgroup Members

Name	Organization	E-mail	Phone	Present (x = yes)
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Guests in Attendance

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